

IN THE CLAIMS

1 - 5. (Cancelled)

6. . . (Previously Presented) A formable thermoplastic multi-layer laminate comprising
an outer layer comprising a polymer comprising resorcinol arylate polyester chain
members,
a middle layer comprising a thermoplastic polymer, and
an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer and an
acrylonitrile-styrene graft copolymer comprising an acrylonitrile-styrene-acrylate graft copolymer
(ASA) and a styrene acrylonitrile copolymer (SAN),
the middle layer being between the outer layer and the inner-tie layer and being in contact
with both the outer layer and the inner-tie layer.

7. (Cancelled)

8. (Previously Presented) The multi-layer laminate of claim 6, wherein the inner-tie
layer comprises about 25 to about 80 wt.% polycarbonate based on the total weight of the inner-
tie layer.

9. (Previously Presented) The multilayer laminate of Claim 6, wherein the inner-tie
layer comprises a thermoplastic polymer comprising from about 25 to about 80 weight % of
carbonate polymer, from about 10 to about 35 weight % of the acrylonitrile-styrene graft
copolymer and from about 10 to about 40 weight % of the styrene copolymer, the weight % being
based on the total weight of the inner-tie layer.

10. (Original) The multi-layer laminate of claim 9 wherein the inner-tie layer comprises a thermoplastic polymer comprising from about 40 to about 80 weight % carbonate polymer, from about 10 to about 30 weight % of the acrylonitrile-styrene graft copolymer and from about 10 to 30 weight % of the styrene copolymer, based on the total weight of the inner-tie layer.

11. (Previously Presented) A formable thermoplastic multi-layer laminate comprising an outer layer comprising a polymer comprising resorcinol arylate polyester chain members, a middle layer comprising a thermoplastic polymer, and an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer, an alkylthioester, and an acrylonitrile-styrene graft copolymer comprising at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS),

the middle layer being between the outer layer and the inner-tie layer and being in contact with both the outer layer and the inner-tie layer.

12. (Previously Presented) The multi-layer laminate of claim 11 wherein the inner-tie layer further comprises a stabilizer comprising pentaerythritol tetrakis(beta-laurylthiopropionate).

13. (Cancelled)

14. (Previously Presented) The multi-layer laminate of claim 11 wherein the inner-tie layer comprises a thermoplastic polymer having a melt flow index of from about 3 to about 30 cm³/10min (at 260°C/5kg).

15. (Previously Presented) The multi-layer laminate of claim 11 wherein the outer layer has an outermost surface comprised of at least one sub-layer comprising resorcinol arylate polyester chain members.

16. (Original) The multi-layer laminate of Claim 15, wherein the at least one sub-layer comprises an iso-terephthalic resorcinol/bis-phenol-A copolymer.

17. (Original) The multi-layer laminate of claim 15 wherein the outer layer further comprises at least one additional sublayer.

18. (Original) The multi-layer laminate of claim 17 wherein the outer layer consists of at least three additional sub-layers.

19 – 22. (Cancelled)

23. (Previously Presented) The multi-layer laminate of claim 11 wherein the outer layer has a thickness about 3 to about 30 mils.

24 – 26. (Cancelled)

27. (Previously Presented) A formed multi-layer laminate comprising the multi-layer laminate of claim 6 wherein the formed multi-layer laminate is formed by vacuum forming.

28. (Cancelled)

29. (Previously Presented) An article comprising

a formable thermoplastic multi-layer laminate comprising

an outer layer comprising a polymer comprising resorcinol arylate polyester chain members,

a middle layer comprising a thermoplastic polymer,

an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer and an acrylonitrile-styrene graft copolymer comprising at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS),

the middle layer being juxtaposed between the outer layer and the inner-tie layer and being in continuous contact with both the outer layer and the inner-tie layer, and

a substrate bonded to the inner-tie layer, wherein the substrate comprises a foamed material.

30. (Cancelled)

31. (Previously Presented) An article comprising
a formable thermoplastic multi-layer laminate comprising
an outer layer comprising a polymer comprising resorcinol arylate polyester chain members,
a middle layer comprising a thermoplastic polymer,
an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer and an acrylonitrile-styrene graft copolymer comprising at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS),
the middle layer being juxtaposed between the outer layer and the inner-tie layer and being in continuous contact with both the outer layer and the inner-tie layer, and
a substrate bonded to the inner-tie layer, wherein the substrate comprises a foamed polyurethane material.

32 – 38. (Cancelled)

39. (Previously Presented) The article of claim 29 comprising an exterior surface having a class “A” finish.

40 – 46. (Cancelled)

47. (New) A formable thermoplastic multi-layer laminate, comprising:

an outer layer comprising a polymer comprising resorcinol arylate polyester chain members,

a middle layer comprising a thermoplastic polymer,

an inner-tie layer comprising a thermoplastic polymer comprising a carbonate polymer and an acrylonitrile-styrene graft copolymer comprising at least one of an acrylonitrile-styrene-acrylate graft copolymer (ASA) or an acrylonitrile-butadiene-styrene graft copolymer (ABS),

the middle layer being between the outer layer and the inner-tie layer and being in contact with both the outer layer and the inner-tie layer.

48. (New) The multi-layer laminate of claim 47 wherein the acrylonitrile-styrene graft copolymer comprises an acrylonitrile-styrene-acrylate graft copolymer (ASA).